

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Hill et al.

Serial No.: 10/736,079

Filed: December 15, 2003

For: **METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR CONTROLLING USAGE OF A MOBILE TERMINAL**

Examiner: Emem Ekong

Group Art Unit: 2617

Confirmation No: 3249

Date: January 3, 2008

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Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**APPELLANTS' BRIEF ON APPEAL UNDER 37 C.F.R. §41.37**

Sir:

This Appeal Brief is filed pursuant to the "Notice of Appeal to the Board of Patent Appeals and Interferences" mailed August 28, 2007, and the "Notice of Panel Decision from Pre-Appeal Brief Review" mailed December 4, 2007.

**Real Party In Interest**

The real party in interest is assignee Sony Ericsson Mobile Communications AB, Lund, Sweden.

**Related Appeals and Interferences**

Appellants are aware of no appeals or interferences that would be affected by the present appeal.

**Status of Claims**

Claims 1-32 remain pending as of the filing date of this Brief. Appellants appeal the final rejection of Claims 1-32 as set forth in the final Office Action of June 19, 2007 (hereinafter "Final Action"). The attached Appendix A presents the claims at issue as rejected in the Final Action.

### **Status of Amendments**

The attached Appendix A presents the pending claims and the corresponding status of each of the pending claims.

### **Summary of the Claimed Subject Matter**

The present application includes method, system and computer program product claims directed to controlling usage of a mobile terminal, including independent Claims 1, 22, and 30. For embodiments of the present invention as recited in independent method Claim 1, a usage specification is received. *See* Specification, Page 9, lines 19-23. The usage specification includes an identification of allowed numbers, an identification of restricted numbers, a usage time limitation, an expiration value and/or a specification of enabled services of the mobile terminal that are restricted. *See* Specification, Page 9, lines 19-23. Usage of the mobile terminal is limited based on the received usage specification responsive to receipt of a valid authorization code. *See* Specification, Page 9, lines 24-30. Receiving a usage specification and limiting usage also include at least one of receiving a usage specification restricting access to enabled services of the mobile terminal including internet access services, multimedia messaging access services, email services, camera and/or video functions (*see* Specification, Page 8, lines 28-34), and/or receiving an authorization code that is encoded to restrict viewing of the authorization code by a user of the mobile terminal (*see* Specification, Page 10, lines 12-18).

Some embodiments of the present invention according to dependent Claim 12 provide a method (including the recitations of intervening Claims 9 and 11) where receiving a usage specification includes accessing a usage controls menu of the mobile terminal (*see* Specification, Page 10, lines 28-30), prompting a user for entry of the authorization code (*see* Specification, Page 10, lines 32-34), verifying the authorization code and providing a menu of usage restriction options to a user only if the authorization code is verified as valid (*see* Specification, Page 10, line 34 to Page 11, line 1), receiving a selection of restrictions from the user responsive to the provided menu (*see* Specification, Page 11, lines 13-18), and generating the usage specification responsive to the received selection of restrictions (*see* Specification, Page 11, lines 22-25). The selection of restrictions includes an identification of allowed numbers. *See* Specification, Page 11, lines 31-34. The menu of usage restrictions is

provided by providing a listing of numbers from a phone book of the mobile terminal to a display of the mobile terminal, and the selection of restrictions is received by receiving a designation of ones of the displayed listing of numbers. *See* Specification, Page 11, line 31 to Page 12, line 7.

Some embodiments of the present invention according to dependent Claim 20 provide a method as claimed in Claim 1, where the usage time limitation includes a limitation on times of day when the mobile terminal may be used. *See* Specification, Page 13, lines 11-13.

Other embodiments of the present invention as recited in independent Claim 22 provide a usage control system for a mobile terminal. The system includes a user interface circuit for receiving an authorization code and a usage specification from a user. *See* Specification, Page 8, lines 7-9. The usage specification includes an identification of allowed numbers, an identification of restricted numbers, a usage time limitation, an expiration value and/or a specification of enabled services of the mobile terminal that are restricted. *See* Specification, Page 8, lines 9-14. The system also includes an access circuit configured to limit usage of the mobile terminal based on the received usage specification responsive to receipt of a valid authorization code. *See* Specification, Page 8, lines 14-20. The user interface circuit and the access circuit are further configured for at least one of receiving a usage specification restricting access to enabled services of the mobile terminal including internet access services, multimedia messaging access services, email services, camera and/or video functions (*see* Specification, Page 8, lines 28-34), and/or receiving an authorization code that is encoded to restrict viewing of the authorization code by a user of the mobile terminal (*see* Specification, Page 10, lines 12-18).

Some embodiments of the present invention according to dependent Claim 29 provide a system (including the recitations of intervening Claim 28) where the user interface further includes a usage controls menu and a menu of usage restriction options. *See* Specification, Page 10, line 28 to Page 11, line 1. The system also includes a memory including an identification of a valid authorization code and usage restriction options. *See* Specification, Page 10, line 34 to Page 11, line 1. The user interface is further configured to retrieve a listing of numbers from a phone book of the mobile terminal (*see* Specification, Page 11, lines 31-34), to display the listing of numbers on a screen of the mobile terminal (*see* Specification, Page 12, lines 1-4) responsive to selection of an associated option on the menu of usage restriction options (*see* Specification, Page 11, lines 29-31), and to receive a

designation of ones of the displayed listing of numbers to include in the usage specification (*see* Specification, Page 12, lines 1-4).

Still other embodiments of the present invention as recited in independent Claim 30 provide a computer program product for controlling usage of a mobile terminal. The computer program product includes a computer-readable storage medium having computer-readable program code embodied in the medium. The computer-readable storage medium includes computer-readable program code that receives a usage specification including an identification of allowed numbers, an identification of restricted numbers, a usage time limitation, an expiration value and/or a specification of enabled services of the mobile terminal that are restricted. *See* Specification, Page 9, lines 19-23. The computer-readable storage medium further includes computer-readable program code that limits usage of the mobile terminal based on the received usage specification responsive to receipt of a valid authorization code. *See* Specification, Page 9, lines 24-30. In addition, the computer-readable program code that receives a usage specification and the computer-readable program code that limits usage further include at least one of computer-readable program code that receives a usage specification restricting access to enabled services of the mobile terminal including internet access services, multimedia messaging access services, email services, camera and/or video functions (*see* Specification, Page 8, lines 28-34), and/or computer-readable program code that receives an authorization code that is encoded to restrict viewing of the authorization code by a user of the mobile terminal (*see* Specification, Page 10, lines 12-18). As to the particulars related to computer-program product claims, *see also*, Specification, Page 6, line 12 to Page 7, line 6.

#### **Grounds of Rejection to Be Reviewed on Appeal**

1. Are Claims 1, 2, 21-24 and 30-32 properly rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 5,884,193 to Kaplan (hereinafter "Kaplan") in view of U.S. Patent Application Publication No. 2004/0209649 to Lord (hereinafter "Lord")? *See* Final Action, Pages 5-7.

2. Are Claims 3-8, 20, and 25-29 properly rejected under 35 U.S.C. § 103(a) as being unpatentable over Kaplan in view of Lord and further in view of U.S. Publication No. 2004/0203601 to Morriss et al. (hereinafter "Morriss")? *See* Final Action, Pages 8-11.

3. Are Claims 9-13, 15, 16, 18, and 19 properly rejected under 35 U.S.C. § 103(a) as being unpatentable over Kaplan in view of Lord and further in view of Patent No. 5,517,554 to Mitchell et al. (hereinafter "Mitchell")? *See* Final Action, Pages 11-13.

4. Are Claims 14 and 17 properly rejected under 35 U.S.C. § 103(a) as being unpatentable over Kaplan in view of Lord and further in view of U.S. Publication No. 2004/0209595 to Bekanich (hereinafter "Bekanich")? *See* Final Action, Pages 13-14.

## Argument

### I. Introduction

Claims 1-32 stand rejected as allegedly being obvious under 35 U.S.C. § 103. "To establish a *prima facie* case of obviousness, three basic criteria must be met. First, there must be some suggestion or motivation, either in the references themselves or in the knowledge generally available to one of ordinary skill in the art, to modify the reference or to combine reference teachings. Second, there must be a reasonable expectation of success. Finally, the prior art reference (or references when combined) must teach or suggest *all* the claim limitations." M.P.E.P. §2143. The mere fact that references can be combined or modified does not render the resultant combination obvious unless the prior art also suggests the desirability of the combination. M.P.E.P. §2143.01, citing *In re Mills*, 916 F.2d 680, 16 U.S.P.Q.2d 1430 (Fed. Cir. 1990).

In *KSR Int'l. Co. v. Teleflex Inc.*, 550 U. S. 1, 15 (2007), the U.S. Supreme Court rejected a "rigid and mandatory" application of the teaching-suggestion-motivation (TSM) test to resolve questions of obviousness. The *KSR* court did note, however, that "a patent composed of several elements is not proved obvious merely by demonstrating that each of its elements was, independently, known in the prior art." *KSR*, 550 U. S. 1, at 14. As such, the court noted that it was "important to identify a reason that would have prompted a person of ordinary skill in the relevant field to combine the [prior art] elements" in the manner claimed, and, for that reason, the analysis regarding whether such reason existed "should be made explicit." *KSR*, 550 U. S. 1, at 15.

Appellants respectfully submit that the pending claims are patentable over the cited references because the cited references, either alone or in combination, fail to disclose or suggest all of the recitations of the pending claims, as will be discussed in detail below.

## **II. Claims 1, 2, 21-24 and 30-32 Are Patentable Over Kaplan and Lord**

### **A. Independent Claims 1, 22, and 30 Are Patentable Over Kaplan and Lord**

Independent Claims 1, 22, and 30 stand rejected under 35 U.S.C. §103(a) as being obvious over Kaplan in view of Lord. *See* Final Action, Pages 5-7. Claim 1, for example, recites:

1. A method for controlling usage of a mobile terminal,  
the method comprising:  
  
receiving a usage specification including an identification of allowed numbers, an identification of restricted numbers, a usage time limitation, an expiration value and/or a specification of enabled services of the mobile terminal that are restricted; and  
limiting usage of the mobile terminal based on the received usage specification responsive to receipt of a valid authorization code; and  
wherein receiving a usage specification and limiting usage further comprise at least one of the following:  
receiving **a usage specification restricting access to enabled services of the mobile terminal including internet access services, multimedia messaging access services, email services, camera and/or video functions;**  
and/or  
receiving the authorization code wherein **the authorization code is encoded to restrict viewing of the authorization code by a user of the mobile terminal.** (*Emphasis added*).

Appellants submit that at least the highlighted portions of Claim 1 are not disclosed or suggested by the combination of Kaplan and Lord.

The Final Action asserts that Kaplan discloses receiving a usage specification restricting access to enabled services of a mobile terminal. *See* Final Action, Pages 2-3. In particular, the Response to Arguments section of the Final Action argues that Kaplan discloses these recitations because "Kaplan discloses wireless communication device with user specified restriction" and "wireless communication devices are well known to be used for internet access services, multimedia messaging access services, email services, camera and/or video functions". Final Action, Page 3.

However, while the system of Kaplan may be implemented in wireless communication devices used for e-mail and internet services, Appellants respectfully note that the user-specified restrictions described in Kaplan relate to *phone call* restrictions, not e-mail, internet, and/or any of the other restrictions recited in Claim 1. *See* Kaplan, Col. 3, lines 31-45. For example, one of the portions of Kaplan cited in the rejections describes providing "various levels of call restriction that can be selected by the user". Kaplan, Col. 3,

lines 31-34 (*emphasis added*). Such call restrictions include, for example, restrictions on domestic and/or international long distance calls, 411 numbers, 800 numbers, 900 numbers, collect calls, call waiting, call forwarding, speed dialing, and the like. *See* Kaplan, Col. 7, lines 44-66. As such, nowhere do the cited portions of Kaplan disclose or suggest restrictions on e-mail and/or internet services, as alleged by the Final Action. *See* Final Action, Page 5. Thus, Appellants submit that Kaplan does not disclose or suggest a usage specification restricting access to "internet access services, multimedia messaging access services, email services, camera and/or video functions", as recited in Claim 1.

The Final Action further asserts that Lord discloses the encoded authorization code of Claim 1. *See* Final Action, Page 5. In particular, the Response to Arguments section of the Final Action argues that Lord discloses an authorization code that is encoded to restrict viewing of the code by a user of the mobile terminal because "Lord discloses encoded key for enabling reception of broadcast communication (see pars. 10 lines 8-10)" and "it is inherent, that it is encoded to restrict viewing by a user of the mobile terminal." Final Action, Page 3.

However, Appellants respectfully note that the cited portion of Lord describes a "removable electronic accessory device encoded with a machine-readable electronic key, optionally a telephone number, enabling reception of the broadcast communication." Lord, Paragraph 0010, lines 8-10. As such, the cited portion of Lord describes that the *accessory device*, not the key itself, is encoded. As further described in Lord:

[0031] More preferred, however, is a personal broadcast key which enables the reception of at least one specified channel for a defined period of time, for example one three or six months, one, two or three years, or a trial period of one week. The personal broadcast key can comprise a private code and the specific broadcast to be enabled can comprise a public code, and the private and public codes can be used cooperatively by the receiving device to unlock the receiving device to process the specific broadcast for viewing, listening and/or storage by the viewer. Preferably, the personal broadcast key also includes a personal, code which can include a personal identifier or an identifier indicating the source, distributional or otherwise of the personal broadcast key. The personal broadcast key may optionally additionally include coding keys which enable decoding of an encrypted broadcast. Preferably, if the personal broadcast key does not meet the service provider's requirements as defined in the specific broadcast signal public key; no viewing, hearing or storage of the specific broadcast is possible.

Lord, Paragraph 0031 (*emphasis added*). Accordingly, Lord describes a broadcast key including private and/or personal codes that may be used to unlock a receiving device and/or decode an encrypted broadcast to allow viewing, hearing, and/or storage of the broadcast

using the device. In other words, the encoding described in Lord is used to prevent viewing of the *broadcast* by a user of the device, not to prevent viewing of the *key*.

In contrast, as further described in the present specification:

The authorization code entered into the mobile terminal at **Block 305** may be encoded to restrict viewing of the authorization code by a user of the mobile terminal **100**. In some embodiments of the present invention, the authorization code may be a reset code and a currently valid/active/unexpired usage specification may be overridden responsive to receipt of such a reset code. Such embodiments using a reset code may be particularly suited to remote user updating on the restrictions on a mobile terminal **100**.

Specification, Page 10, lines 12-18. As such, nowhere do the cited portions of Lord disclose or suggest that the broadcast key and/or the codes *themselves* are encoded, nor that the key/codes are encoded to restrict viewing *by a user* of the mobile terminal. Thus, Appellants respectfully submit that Lord does not disclose or suggest an authorization code that "is encoded to restrict viewing of the authorization code by a user of the mobile terminal", as recited in Claim 1.

Accordingly, as neither Kaplan nor Lord disclose or suggest at least the recitations of Claim 1 highlighted above, Appellants respectfully submit that the Final Action has failed to establish a *prima facie* case for the obviousness of Claim 1 under 35 U.S.C. §103. Thus, Appellants submit that Claim 1 and the claims dependent therefrom are patentable over the combination of Kaplan and Lord for at least the above reasons. Independent Claims 22 and 30 respectively include system and computer program product recitations corresponding to the method of Claim 1, and as such, these claims and the claims dependent therefrom are patentable for at least similar reasons. Thus, Appellants respectfully request reversal of the rejections of Claims 1, 22, and 30 and the claims dependent therefrom.

### **III. Claims 3-8, 20, and 25-29 Are Patentable Over Kaplan, Lord, and Morriss**

#### **A. Claims 3-8, 20, and 25-29 Are Patentable At Least Per the Patentability of the Independent Claims**

Dependent Claims 3-8, 20, and 25-29 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over the combination of Kaplan in view of Lord and further in view of Morriss. *See* Final Action, Pages 8-11. However, as noted above, dependent Claims 3-8, 20, and 25-29 are patentable at least per the patentability of independent Claims 1 and 22 from



which they depend. Accordingly, Appellants respectfully request that the rejections of dependent Claims 3-8, 20, and 25-29 be reversed for at least these reasons.

**B. Claim 20 Is Separately Patentable**

Claim 20 recites, in part, that "the usage time limitation includes a limitation on times of day when the mobile terminal may be used". The Final Action asserts that Morriss discloses this recitation in one or more of Paragraphs 0011, 0051, 0053 and/or 0055. *See* Final Action, Pages 8-9.

Appellants respectfully disagree. Morriss is directed to "a method and apparatus for remotely activating a restrictive operating mode of a wireless communication device in the event that the wireless device is lost or stolen. Morriss, Page 1, Paragraph 0011. More particularly, Morriss describes transmitting a wireless data message to a lost or stolen wireless device/mobile terminal including a restrictive mode activation/deactivation password to activate and/or deactivate a restrictive operating mode, where the mobile terminal is only capable of communicating with restricted target devices, such as other devices and/or services associated with the owner of the mobile terminal. *See* Morriss, Paragraphs 0035, 0036, 0042, 0043, 0051 and 0053. As further provided in Paragraph 0055 of Morriss:

In the event that the received message or input includes the RMA password, the wireless device automatically places (411) itself in a restrictive operating mode in which it may only initiate a communication with one or more restricted target devices. That is, once the wireless device is placed in the restrictive operating mode in accordance with the present invention, the wireless device's operational software will only permit the device to place calls or send messages to the restricted target device(s). Notwithstanding the foregoing, the wireless device may still be used for other purposes, such as to supply the time of day, to play games or run other local applications that may be stored on the device, and to listen to music or ring tones stored on the device, just to name a few. Alternatively, the wireless device may be programmed to prohibit all use of the wireless device except for contacting the restricted target device(s) once the device is placed in the restrictive operating mode. The identities and contact information of the restricted target device(s) are preferably stored in the wireless device by the device's owner or wireless service provider prior to receipt of the message containing the RMA password, but may optionally be included in such message.

Morriss, Page 7, Paragraph 0055 (*emphasis added*). In other words, Morriss describes that, in the restrictive operating mode, the wireless device may still be used to supply the time of

day. However, nowhere do the cited portions of Morriss appear to describe "a limitation on times of day when the mobile terminal may be used", as recited by Claim 20. Nor do Kaplan and/or Lord provide these recitations, as conceded in the Final Action. *See* Final Action, Page 8.

Accordingly, Appellants submit that Claim 20 is separately patentable for at least these reasons. Thus, Appellants respectfully request reversal of the rejections of Claim 20 based on the combination of Kaplan, Lord, and Morriss for at least these additional reasons.

**C. Claim 29 Is Separately Patentable**

Claim 29 recites, in part, that the user interface is configured "to retrieve a listing of numbers from a phone book of the mobile terminal and to display the listing of numbers on a screen of the mobile terminal" and "to receive a designation of ones of the displayed listing of numbers." The Final Action asserts that Kaplan discloses these recitations at Col. 4, lines 46-55 and Col. 8, line 5 to Col. 9, line 43. *See* Final Action, Page 9.

However, as provided by a cited portion of Kaplan:

To set the specific call restriction definitions of **FIG. 4A**, the display may provide the user with guidance in restricting calls such as domestic long distance calls, international long distance calls, and the like using a step-through menu to guide the user in the selection of call restrictions. The call restriction data entered by the user would determine which byte in column **310** corresponds to which restriction definition in column **312**. As previously described, the access to the restriction level storage area **124** would be controlled by a password stored in the password storage area **126**. The different restriction definitions may be referred to by a restriction definition number listed in column **308**. Thus, restriction definition number 1 would correspond to No Domestic Long Distance, and so on.

Kaplan, Col. 8, lines 9-22 (*emphasis added*). As such, although Kaplan generally describes guiding a user's selection of call restrictions using the display of the mobile terminal, nowhere does the cited portion of Kaplan disclose or suggest a user interface that is configured to "retrieve a listing of numbers from a phone book of the mobile terminal and to display the listing of numbers on a screen of the mobile terminal" and/or to "receive a designation of ones of the displayed listing of numbers," as recited by Claim 29. *See also* Kaplan, Figs. 4A-4B. Nor does the Final Action rely on Lord and/or Morriss as disclosing these recitations. *See* Final Action, Pages 8-11.

Accordingly, Appellants submit that Claim 29 is separately patentable for at least these reasons. Thus, Appellants respectfully request reversal of the rejections of Claim 29 based on the combination of Kaplan, Lord, and Morriss for at least these additional reasons.

**IV. Claims 9-13, 15, 16, 18, and 19 Are Patentable Over Kaplan, Lord, and Mitchell**

**A. Claims 9-13, 15, 16, 18, and 19 Are Patentable At Least Per the Patentability of the Independent Claims**

Dependent Claims 9-13, 15, 16, 18, and 19 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over the combination of Kaplan in view of Lord and in further view of Mitchell. *See* Final Action, Pages 11-13. However, as noted above, dependent Claims 9-13, 15, 16, 18, and 19 are patentable at least per the patentability of the independent Claims 1 and 22 from which they depend. Accordingly, Appellants respectfully request that the rejections of dependent Claims 9-13, 15, 16, 18, and 19 be reversed for at least these reasons.

**B. Claim 12 Is Separately Patentable**

Claim 12 recites, in part, "providing a listing of numbers from a phone book of the mobile terminal to a display of the mobile terminal" and "receiving a designation of ones of the displayed listing of numbers". The Final Action asserts that Kaplan discloses these recitations at Col. 8, lines 9-22. *See* Final Action, Page 12. However, as noted above with reference to Claim 29, the cited portion of Kaplan generally describes guiding a user's selection of call restrictions using the display of the mobile terminal, but does not disclose or suggest "providing a listing of numbers from a phone book of the mobile terminal to a display of the mobile terminal" and/or "receiving a designation of ones of the displayed listing of numbers," as recited by Claim 12. Nor does the Final Action rely on Lord and/or Mitchell as disclosing these recitations. *See* Final Action, Pages 12-13.

Accordingly, Appellants submit that Claim 12 is separately patentable for at least these reasons. Thus, Appellants respectfully request reversal of the rejection of Claim 12 based on the combination of Kaplan, Lord, and Mitchell for at least these additional reasons.

**V. Claims 14 and 17 Are Patentable Over Kaplan, Lord, and Bekanich**

**A. Claims 14 and 17 Are Patentable At Least Per the Patentability of the Independent Claims**

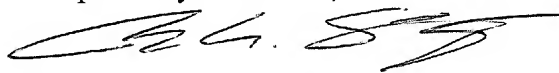
Dependent Claims 14 and 17 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over the combination of Kaplan in view of Lord and further in view of Bekanich. *See* Final Action, Page 13. However, Appellants are making no arguments regarding separate patentability of these claims. Accordingly, Appellants respectfully request that the rejections of Claims 14 and 17 be reversed based on a determination of the patentability of independent Claim 1 from which they depend, and no further discussion will be presented regarding the fourth identified issue for appeal.

## **VI. Conclusion**

In light of the above discussion, Appellants submit that the pending claims are directed to patentable subject matter and are patentable over the cited references and, therefore, request reversal of the rejections of those claims and passing of the application to issue.

It is not believed that an extension of time and/or additional fee(s) are required, beyond those that may otherwise be provided for in documents accompanying this paper. In the event, however, that an extension of time is necessary to allow consideration of this paper, such an extension is hereby petitioned for under 37 C.F.R. §1.136(a). Any additional fees believed to be due in connection with this paper may be charged to Deposit Account No. 50-0220.

Respectfully submitted,

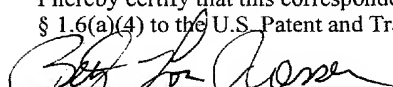


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Betty Lou Rosser  
Date of Signature: January 3, 2008

## APPENDIX A – CLAIMS

1. (Previously Presented) A method for controlling usage of a mobile terminal, the method comprising:

receiving a usage specification including an identification of allowed numbers, an identification of restricted numbers, a usage time limitation, an expiration value and/or a specification of enabled services of the mobile terminal that are restricted; and

limiting usage of the mobile terminal based on the received usage specification responsive to receipt of a valid authorization code; and

wherein receiving a usage specification and limiting usage further comprise at least one of the following:

receiving a usage specification restricting access to enabled services of the mobile terminal including internet access services, multimedia messaging access services , email services, camera and/or video functions; and/or

receiving the authorization code wherein the authorization code is encoded to restrict viewing of the authorization code by a user of the mobile terminal.

2. (Original) The method of Claim 1 wherein the authorization code and/or the usage specification are received from a keypad and/or input screen of the mobile terminal.

3. (Original) The method of Claim 1 wherein the authorization code and/or the usage specification are received from a remote user over a wireless communication connection.

4. (Original) The method of Claim 3 wherein the authorization code is received from a remote user over a wireless communication connection and wherein the authorization code is encoded to restrict viewing of the authorization code by a user of the mobile terminal.

5. (Original) The method of Claim 4 wherein the authorization code is a reset code and wherein the method further comprises over-riding the usage specification responsive to receipt of the reset code.

6. (Original) The method of Claim 5 wherein over-riding the usage specification comprises selecting an alternative usage specification responsive to receipt of the reset code.

7. (Original) The method of Claim 6 wherein the alternate usage specification includes no restrictions to return the mobile terminal to a normal operating mode.

8. (Original) The method of Claim 4 wherein the usage specification is received from a remote user over a wireless communication connection.

9. (Original) The method of Claim 1 wherein receiving a usage specification comprises:

accessing a usage controls menu of the mobile terminal;

prompting a user for entry of the authorization code;

verifying the authorization code;

providing a menu of usage restriction options to a user only if the authorization code is verified as valid;

receiving a selection of restrictions from the user responsive to the provided menu;

and

generating the usage specification responsive to the received selection of restrictions.

10. (Original) The method of Claim 9 wherein receiving a selection of restrictions comprises receiving a disable request and wherein generating the usage specification comprises generating a usage specification that includes no restrictions to place the mobile terminal in a normal operating mode.

11. (Original) The method of Claim 9 wherein receiving a selection of restrictions comprises receiving an identification of allowed numbers.

12. (Original) The method of Claim 11 wherein providing a menu includes providing a listing of numbers from a phone book of the mobile terminal to a display of the mobile terminal and wherein receiving a selection of restrictions comprises receiving a designation of ones of the displayed listing of numbers.

13. (Original) The method of Claim 11 wherein receiving a selection of restrictions comprises receiving an identification of restricted numbers.

14. (Original) The method of Claim 9 wherein receiving a selection of restrictions comprises receiving a specification of enabled services of the mobile terminal that are restricted and wherein the specification of enabled services includes a restriction on internet access services of the mobile terminal.

15. (Original) The method of Claim 9 wherein receiving a selection of restrictions comprises receiving a specification of enabled services of the mobile terminal that are restricted and wherein the specification of enabled services includes a restriction on placement of long distance calls and/or calls to specified area codes from the mobile terminal.

16. (Original) The method of Claim 15 wherein the specification of enabled services includes a restriction on placement of calls to specified area codes and wherein the restriction of placement of calls to specified area codes comprises a designation of allowed area codes for calls from the mobile terminal.

17. (Original) The method of Claim 9 wherein receiving a selection of restrictions comprises receiving a specification of enabled services of the mobile terminal that are restricted and wherein the specification of enabled services includes a restriction on placement of calls when the mobile terminal is in a roaming mode.

18. (Original) The method of Claim 1 wherein limiting usage of the mobile terminal further comprises allowing placement of emergency calls even if usage of the mobile terminal is otherwise restricted.

19. (Original) The method of Claim 1 wherein limiting usage of the mobile terminal further comprises allowing placement of calls to a specified number even if usage of the mobile terminal is otherwise restricted.

20. (Original) The method of Claim 1 wherein the usage time limitation includes a limitation on times of day when the mobile terminal may be used.

21. (Original) The method of Claim 1 wherein the usage time limitation includes a limitation on the duration of usage of the mobile terminal.

22. (Previously Presented) A usage control system for a mobile terminal, the system comprising:

a user interface circuit for receiving from a user an authorization code and a usage specification including an identification of allowed numbers, an identification of restricted numbers, a usage time limitation, an expiration value and/or a specification of enabled services of the mobile terminal that are restricted; and

an access circuit configured to limit usage of the mobile terminal based on the received usage specification responsive to receipt of a valid authorization code; and

wherein the user interface circuit and the access circuit are further configured for at least one of the following:

receiving a usage specification restricting access to enabled services of the mobile terminal including internet access services, multimedia messaging access services, email services, camera and/or video functions; and/or

receiving the authorization code wherein the authorization code is encoded to restrict viewing of the authorization code by a user of the mobile terminal.

23. (Original) A mobile terminal including the usage control system of Claim 22.

24. (Original) The system of Claim 22 wherein the user interface includes a keypad and/or input screen of the mobile terminal.

25. (Original) The system of Claim 24 wherein the user interface further includes a transceiver configured to receive the authorization code and/or the usage specification from a remote user over a wireless communication connection.



26. (Original) The system of Claim 25 wherein the user interface is further configured to restrict viewing of the authorization code by a user of the mobile terminal.

27. (Original) The system of Claim 26 wherein the authorization code is a reset code and wherein the access circuit is further configured to over-ride the usage specification responsive to receipt of the reset code to return the mobile terminal to a normal operating mode.

28. (Original) The system of Claim 22 wherein the user interface further comprises:  
a usage controls menu of the mobile terminal;  
a menu of usage restriction options; and  
wherein the system further comprises a memory including an identification of a valid authorization code and usage restriction options.

29. (Original) The system of Claim 28 wherein the user interface is further configured to retrieve a listing of numbers from a phone book of the mobile terminal and to display the listing of numbers on a screen of the mobile terminal responsive to selection of an associated option on the menu of usage restriction options and to receive a designation of ones of the displayed listing of numbers to include in the usage specification.

30. (Previously Presented) A computer program product for controlling usage of a mobile terminal, the computer program product comprising:

a computer-readable storage medium having computer-readable program code embodied in said medium, said computer-readable program code comprising:

computer-readable program code that receives a usage specification including an identification of allowed numbers, an identification of restricted numbers, a usage time limitation, an expiration value and/or a specification of enabled services of the mobile terminal that are restricted; and

computer-readable program code that limits usage of the mobile terminal based on the received usage specification responsive to receipt of a valid authorization code; and

wherein the computer-readable program code that receives a usage specification and the computer-readable program code that limits usage further comprise at least one of the following:

computer-readable program code that receives a usage specification restricting access to enabled services of the mobile terminal including internet access services, multimedia messaging access services, email services, camera and/or video functions; and/or

computer-readable program code that receives the authorization code wherein the authorization code is encoded to restrict viewing of the authorization code by a user of the mobile terminal.

31. (Previously Presented) The method of Claim 1, wherein receiving a selection of restrictions comprises receiving a usage specification restricting enabled services of the mobile terminal including internet access services, multimedia messaging access services, email services, camera and/or video functions.

32. (Previously Presented) The system of Claim 22, wherein the user interface circuit is further configured to receive a usage specification restricting enabled services of the mobile terminal including internet access services, multimedia messaging access services, email services, camera and/or video functions.

In re: Hill et al.  
Serial No.: 10/736,079  
Filed: December 15, 2003  
Page 19 of 20

**APPENDIX B – EVIDENCE APPENDIX**  
**(NONE)**

In re: Hill et al.  
Serial No.: 10/736,079  
Filed: December 15, 2003  
Page 20 of 20

**APPENDIX C – RELATED PROCEEDINGS**  
**(NONE)**